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Applicant: NISSAN CHEMICAL IND LTD

SPECIFICATION

[Claims]

[Claim 1] Coating type granules for agriculture and horticulture wherein a water-insoluble thermoplastic resin in the form of an emulsion in water is used as an adhesive to coat an oil-nonabsorbing granular carrier with 1 or more agrochemical active ingredients or with a mixture of 1 or more agrochemical active ingredients and an inert fine powder.

[Claim 2] Coating type granules for agriculture and horticulture according to claim 1, wherein the agrochemical active ingredients are one or more insecticides selected from 5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-trifluoromethanesulfinyl pyrazole or ethyl=N-[2,3-dihydro-2,2-dimethylbenzofuran-7-

ylloxycarbonyl(methyl)aminothio]-N-isopropyl- β -alaninate.

[Claim 3] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is polyvinyl acetate.

[Claim 4] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a vinyl acetate-

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ethylene copolymer.

[Claim 5] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a vinyl acetate-vinyl versatate copolymer.

[Claim 6] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a vinyl acetate-ethylene-vinyl chloride copolymer.

[Claim 7] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a polyacrylate.

[Claim 8] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is an acrylate-styrene copolymer.

[Claim 9] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is an acrylate-silicone copolymer.

[Claim 10] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is an acrylate-ethylene copolymer.

[Claim 11] Coating type granules for agriculture and

horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is polyurethane.

[Claim 12] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a styrene-butadiene copolymer.

[Claim 13] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is an acrylonitrile-butadiene copolymer.

[Claim 14] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the water-insoluble thermoplastic resin is a mixture of 2 or more polymers.

[Claim 15] Coating type granules for agriculture and horticulture according to claims 1 and 2, wherein the content of the water-insoluble thermoplastic resin is 0.1 to 5 % by weight relative to the granules.

[Claim 16] A process for producing coating type granules for agriculture and horticulture, which comprises stirring an oil-nonabsorbing granular carrier while adding a water-insoluble thermoplastic resin in the form of an emulsion in water to said carrier thereby coating said carrier uniformly with said resin, and then stirring the carrier as such while adding 1 or more agrochemical active ingredients or a mixture